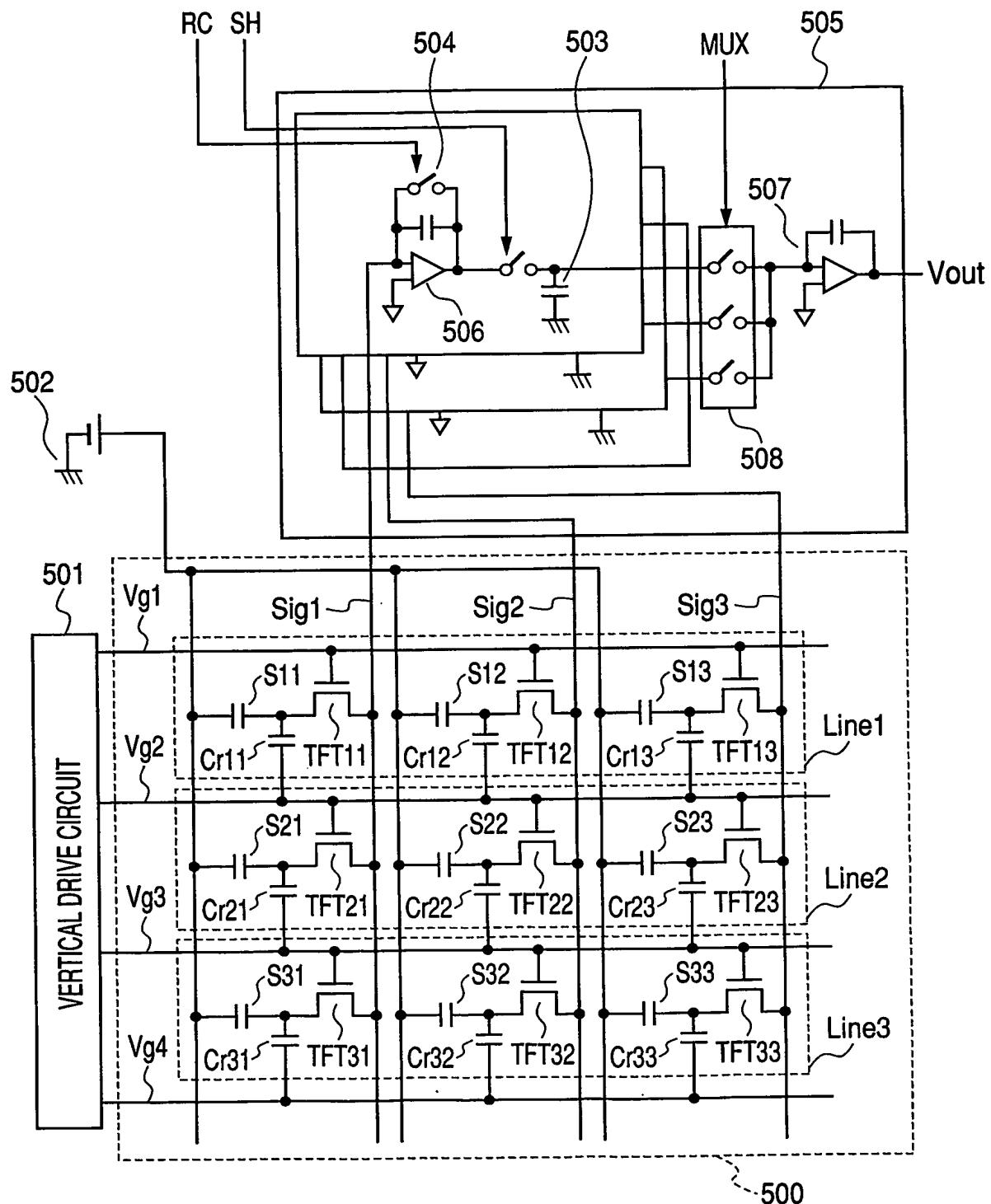


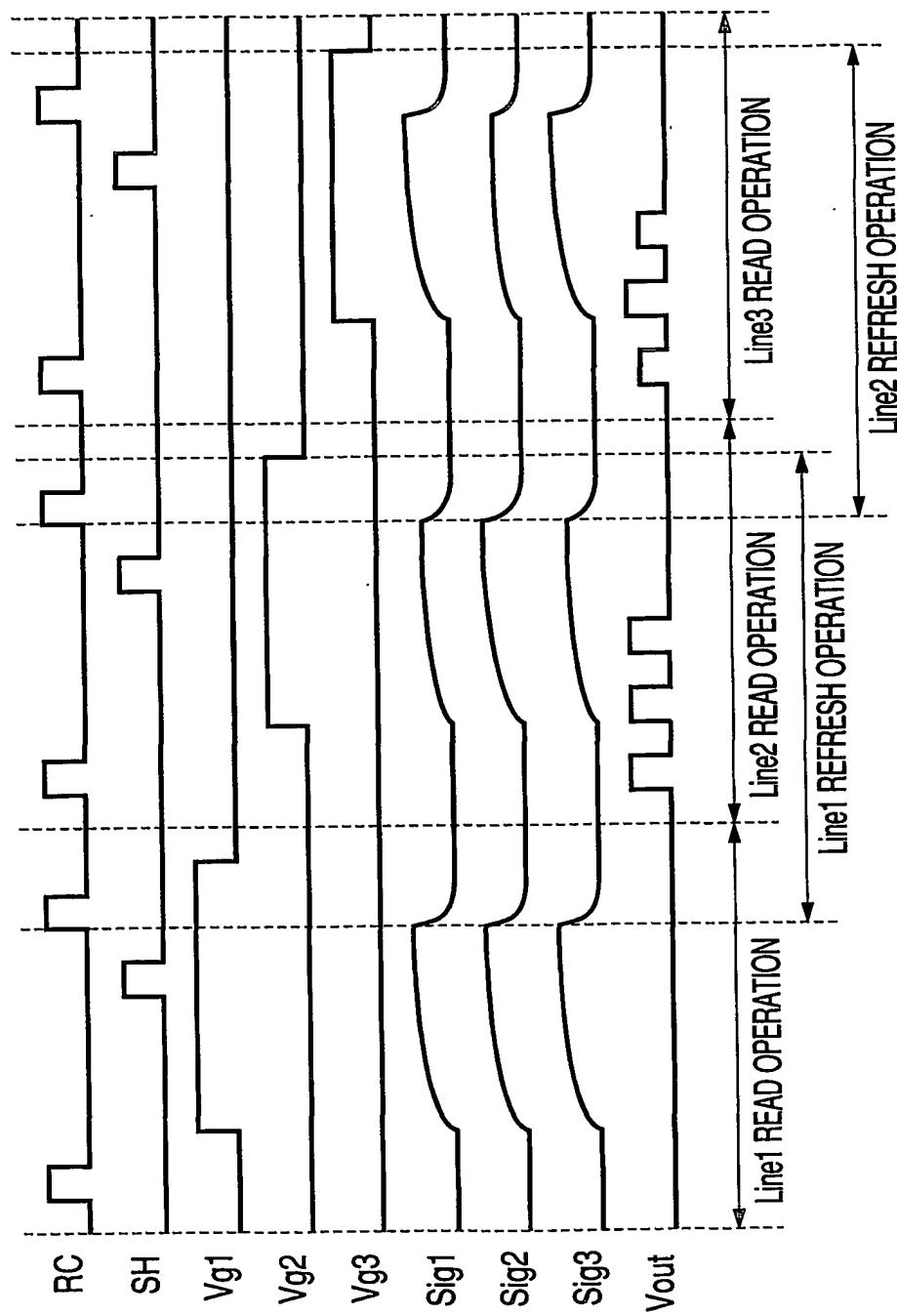
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FIG. 1

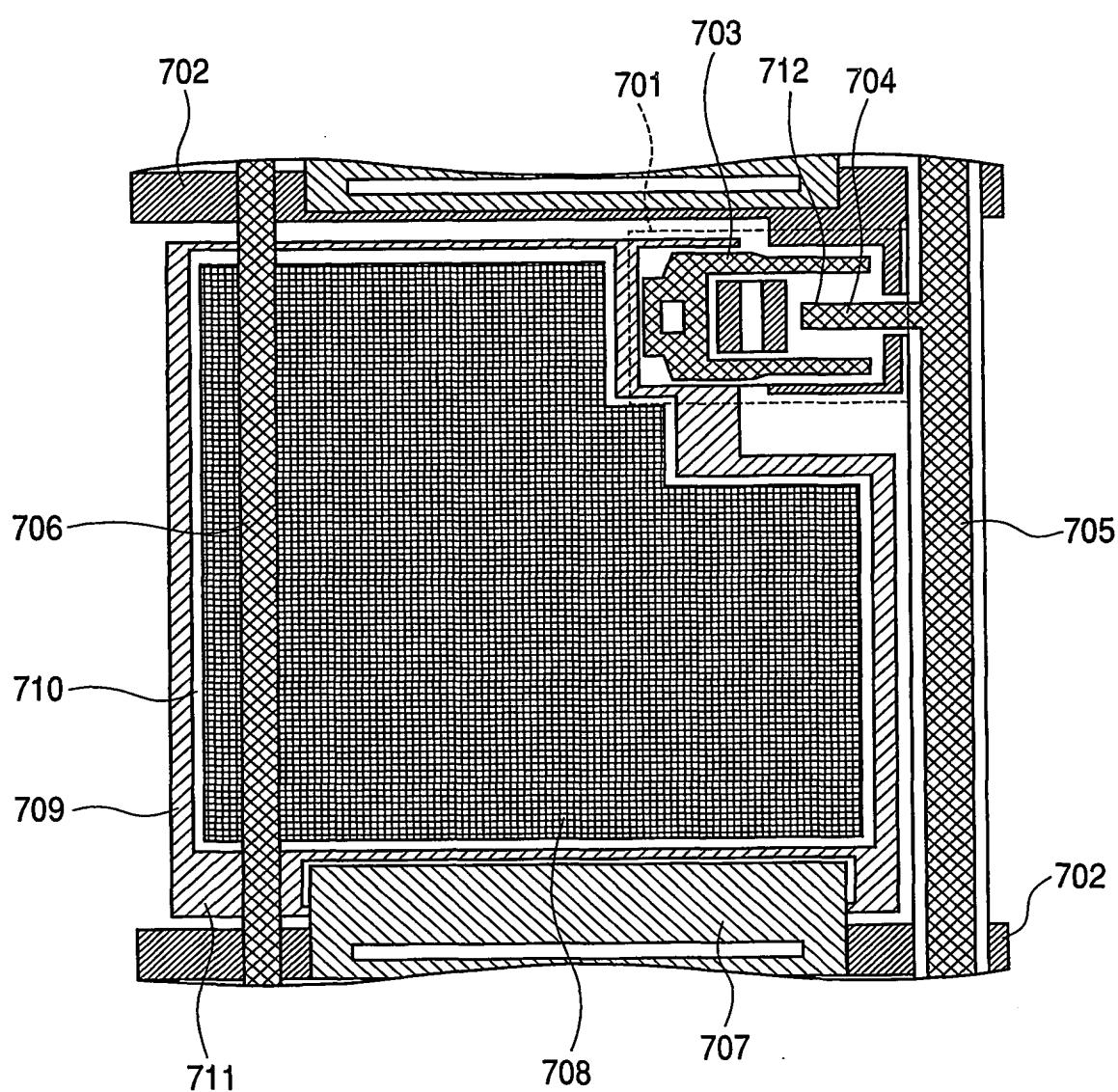


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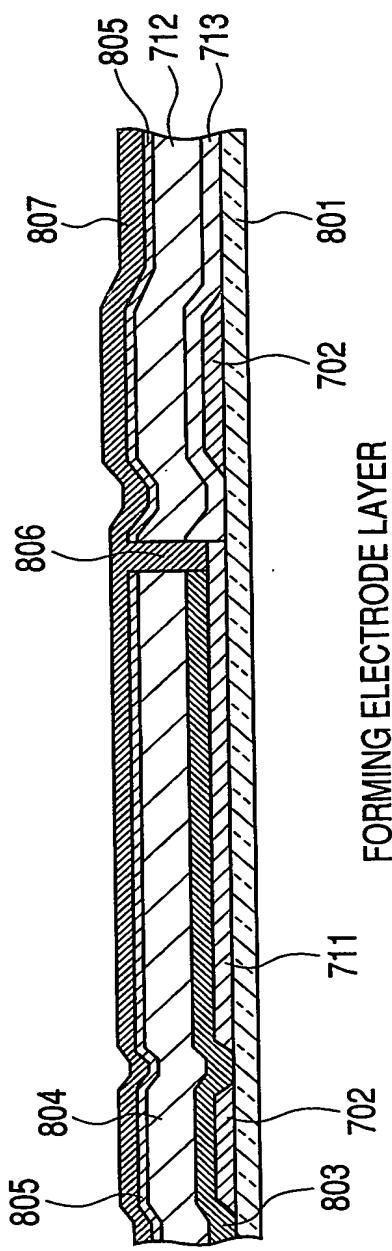
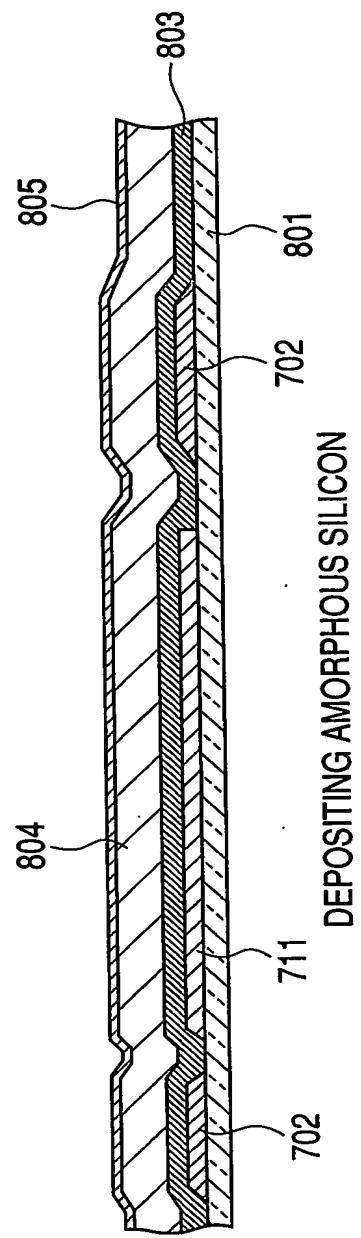
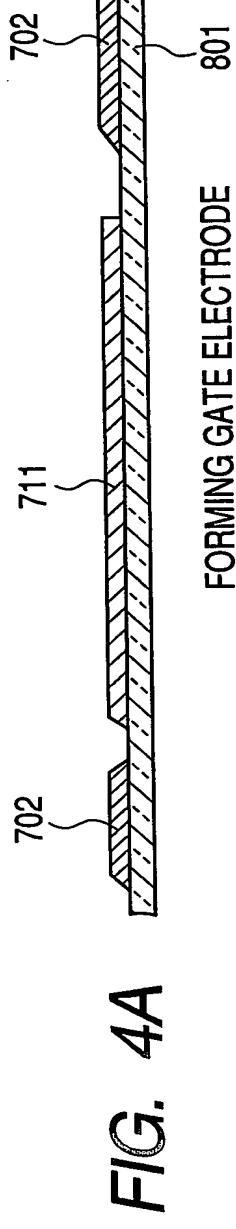
FIG. 2



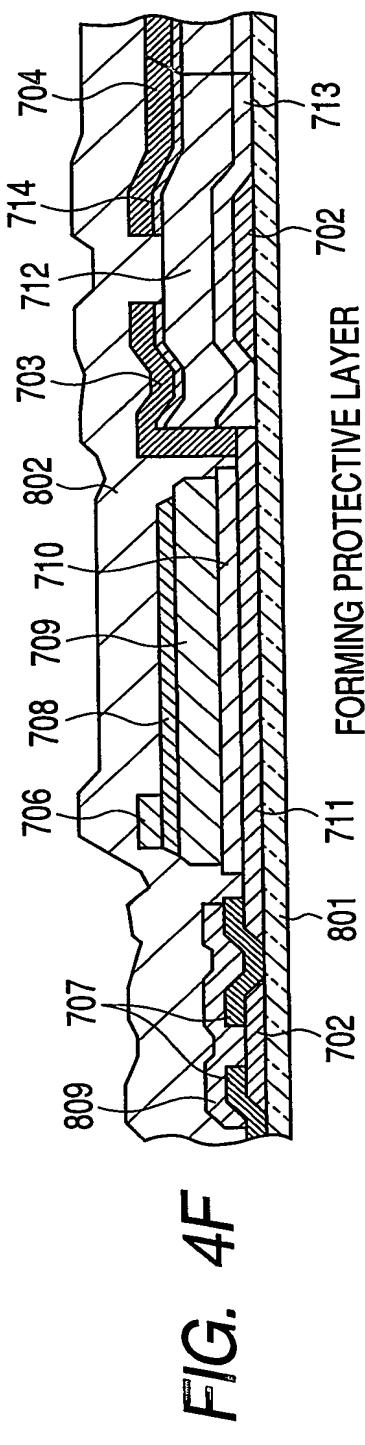
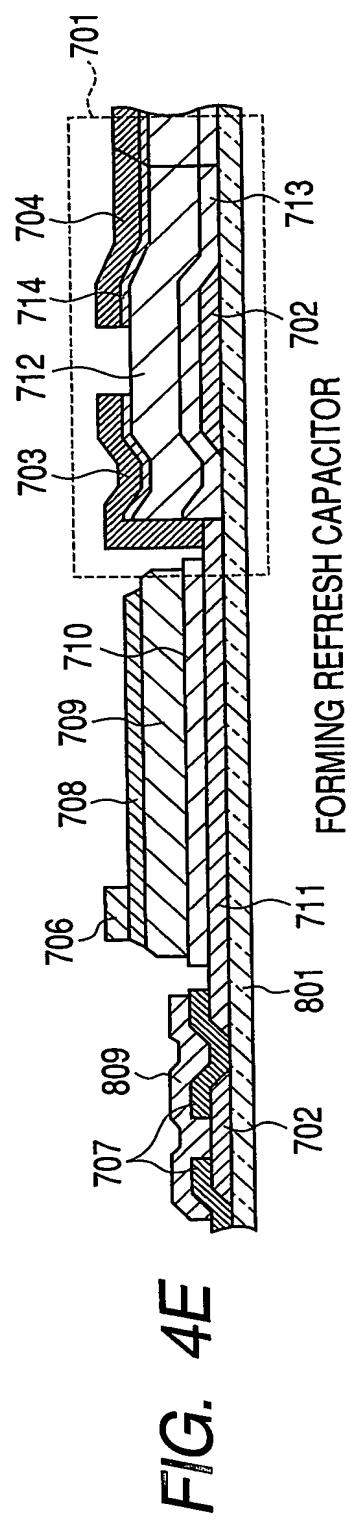
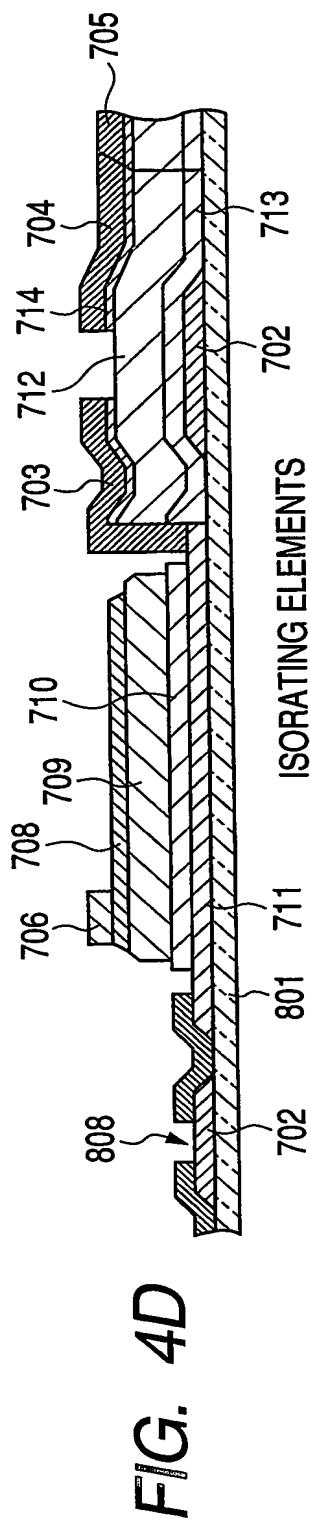
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FIG. 3

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FIG. 5

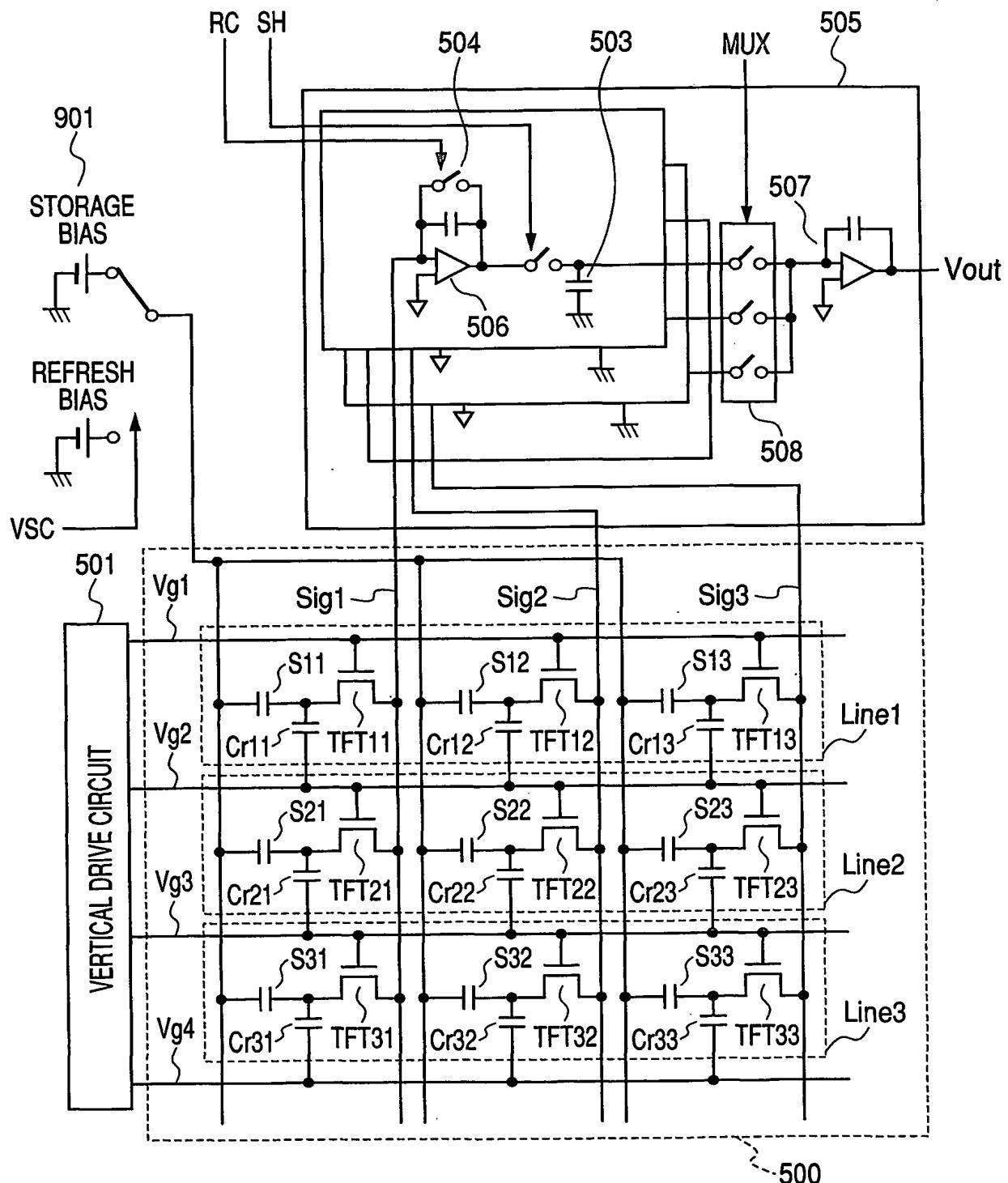
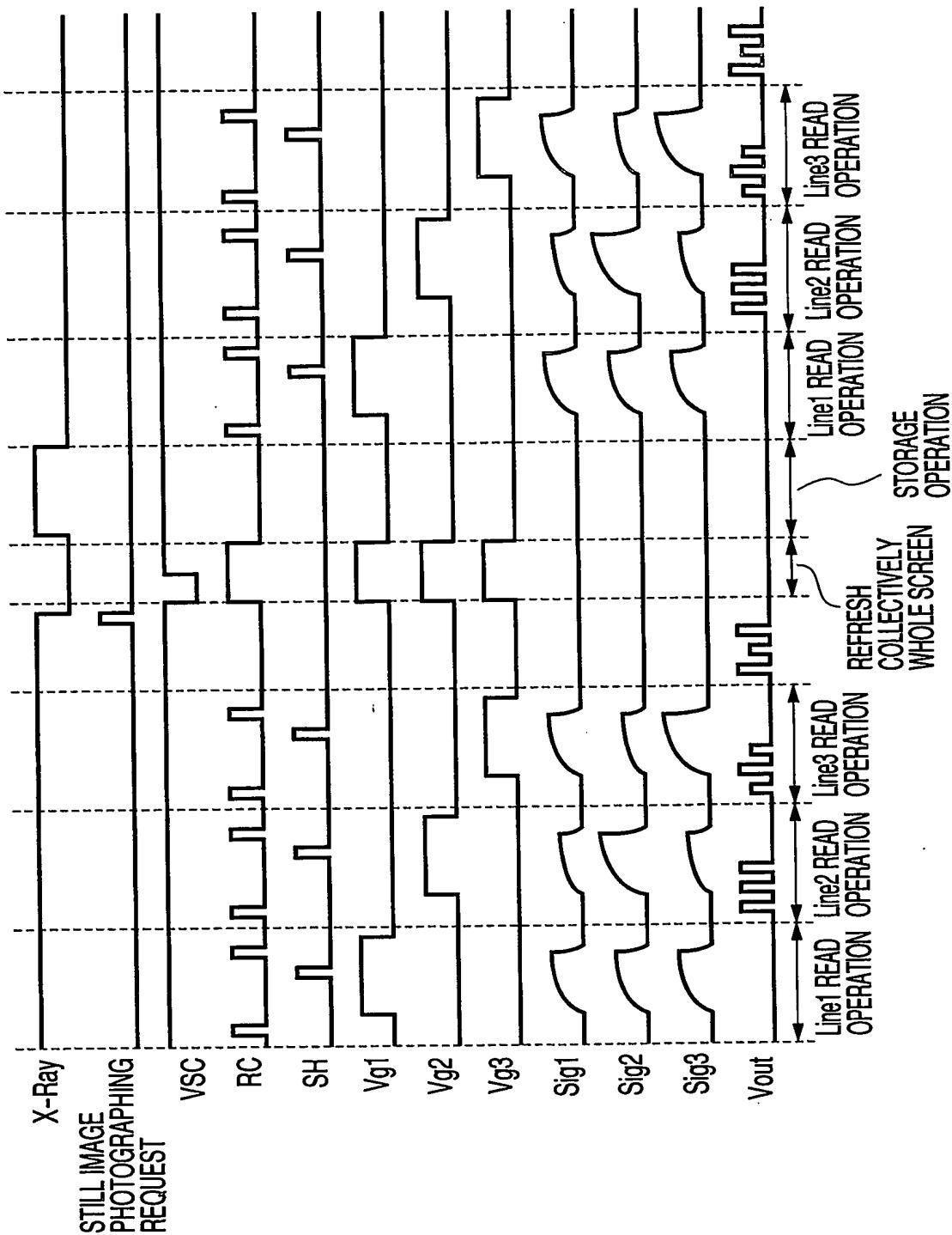
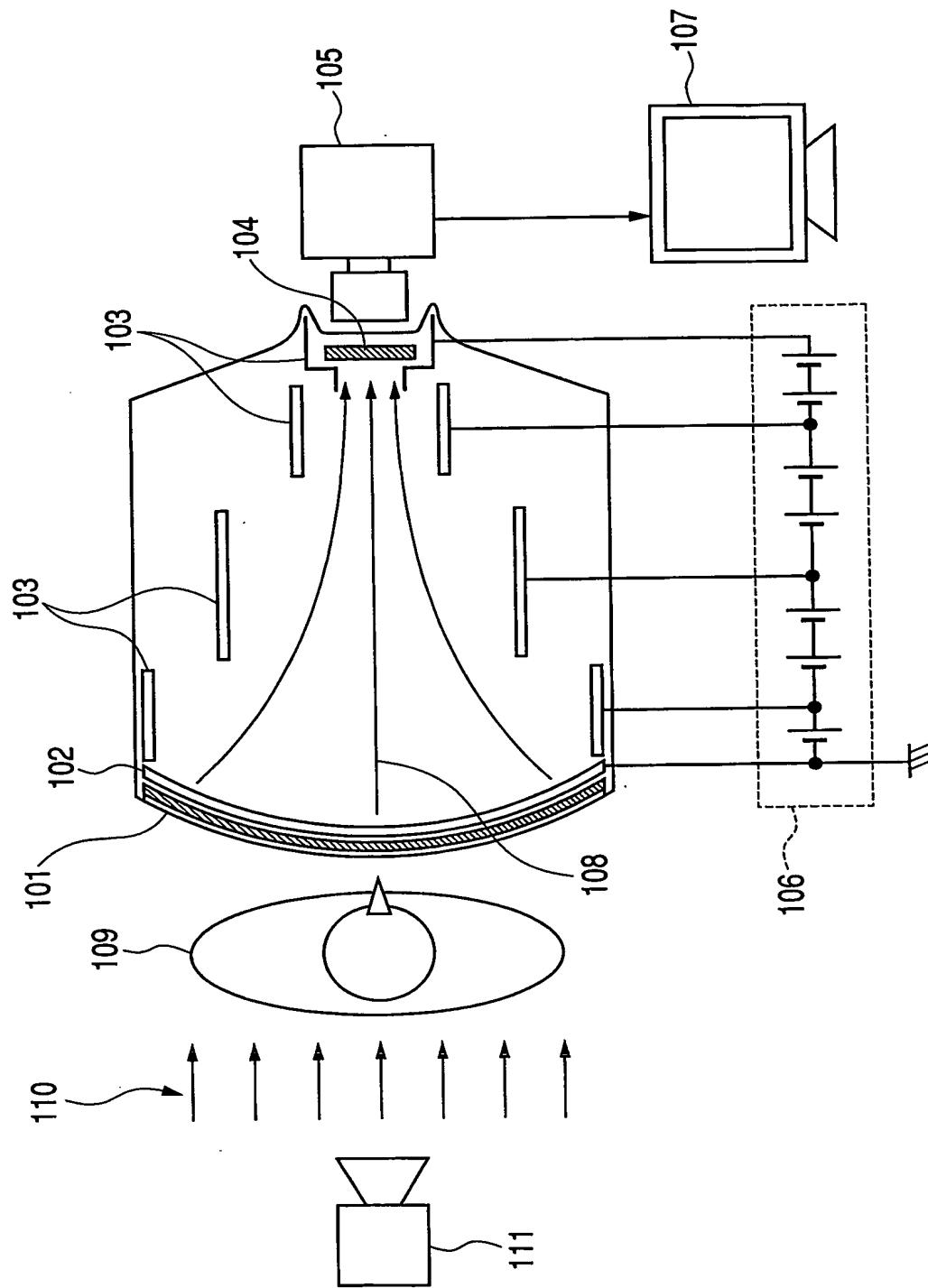


FIG. 6

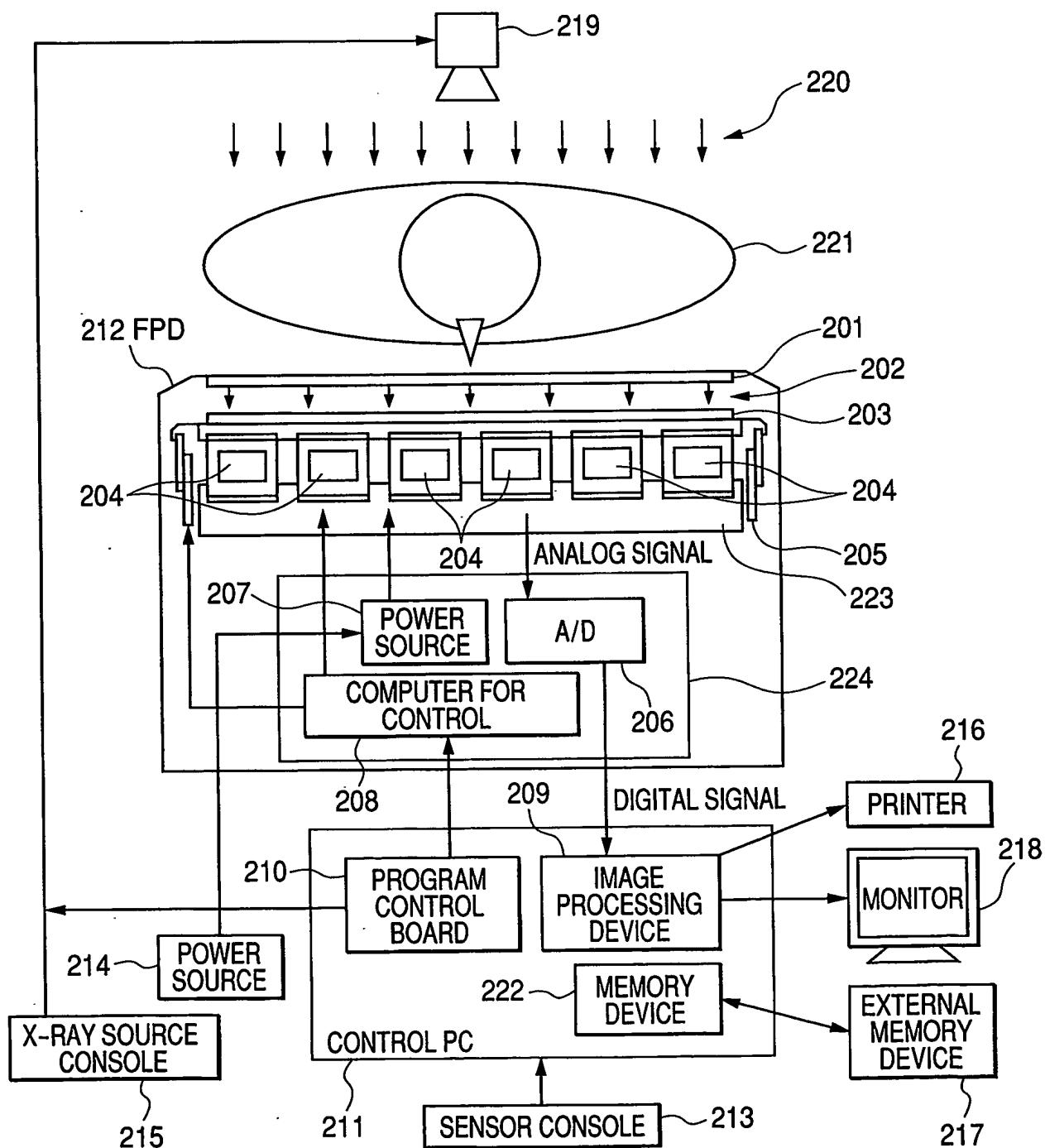


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FIG. 7

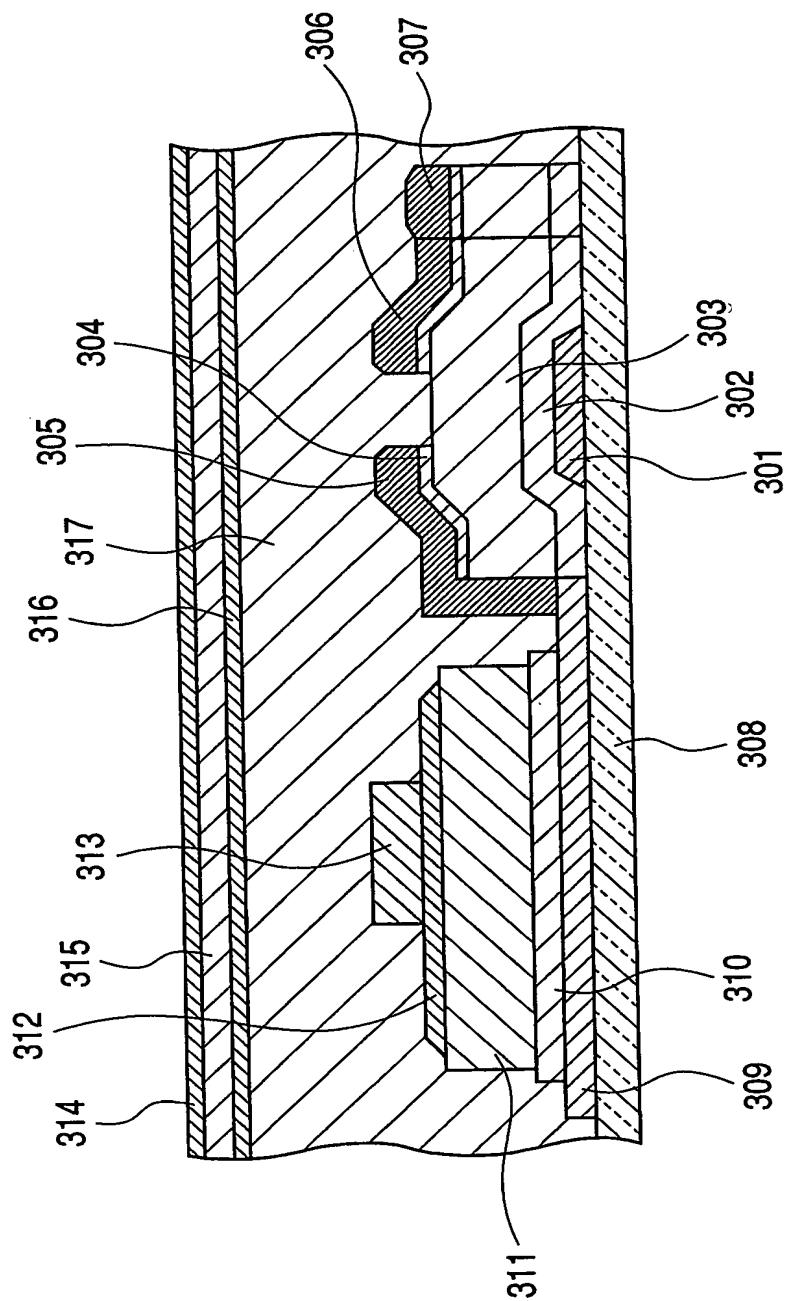
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FIG. 8

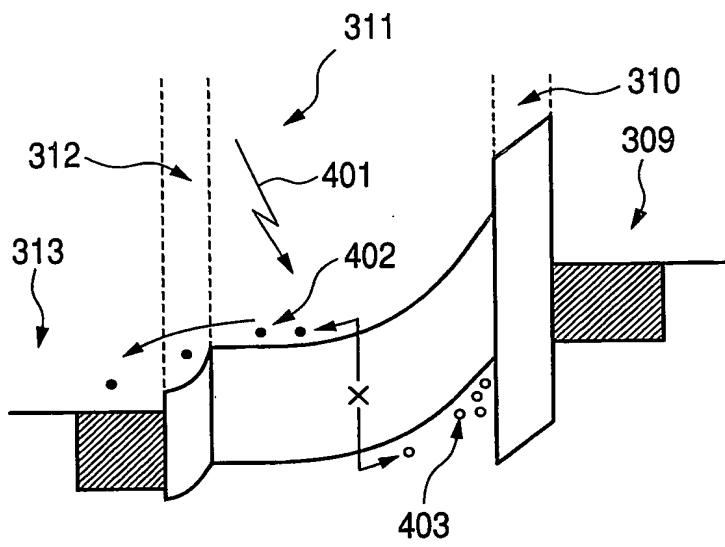
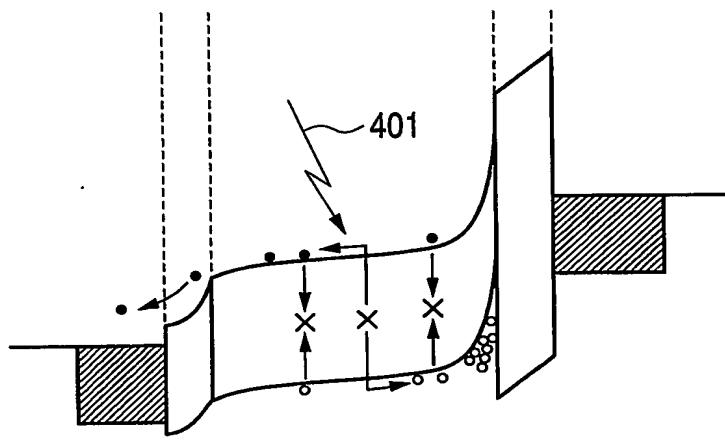


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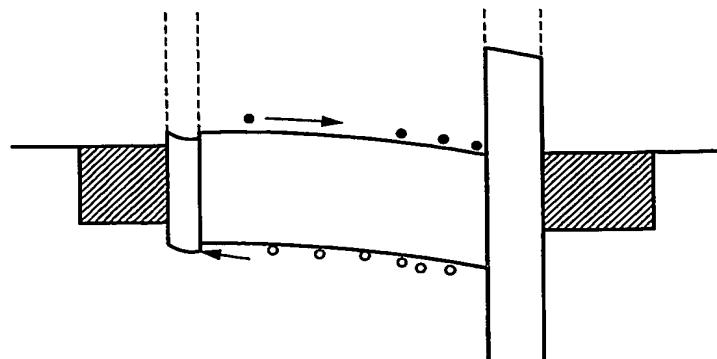
FIG. 9



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FIG. 10APHOTOELECTRIC
CONVERSION MODE**FIG. 10B**

SATURATED STATE

FIG. 10C

REFRESH OPERATION